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PEEKshrink®

Heat-Shrinkable Tubing for Challenging Environments

All PEEKshrink is Custom Ordered

FEATURES:

- Continuous service temperature 500°F/260°C
- Translucent recovery shrink temperature 572°F - 644°F (300°C - 340°C)
- Opaque recovery shrink temperature 680°F - 725°F (360°C - 385°C)
- Recovered wall range of 0.004" to 0.010"
- Custom sizes and lengths available upon request

BENEFITS:

- Excellent abrasion resistance
- Extends life of the protected item
- Adhesion to metals
- Available in colors

SAMPLE APPLICATIONS:

- Electrical component covering
- Protective jacketing
- Wire Splicing
- Reusable medical devices

TYPICAL APPLICATIONS:

- Zeus will assist in developing custom heatshrink processes
- Class VI approved materials

PEEKshrink® 1.4:1 Heat Shrinkable AWG Tubing						
Zeus P/N	Ordered as AWG Size	As Supplied Inside Diameter Min	Recovered Dimension After Shrinking Wall Thickness			
			Recovered ID Max	Minimum	Nominal	Maximum
85322	17	0.038	0.027	0.005	0.007	0.009
85318	16	0.045	0.032	0.005	0.007	0.009
85184	15	0.055	0.039	0.005	0.007	0.009
85204	14	0.085	0.060	0.005	0.007	0.009
85197	13	0.092	0.065	0.005	0.007	0.009
85189	12	0.101	0.072	0.005	0.007	0.009
85313	11	0.112	0.080	0.005	0.007	0.009
85310	10	0.125	0.089	0.005	0.007	0.009
85298	9	0.137	0.098	0.005	0.007	0.009
85294	8	0.160	0.114	0.005	0.007	0.009
85146	7	0.174	0.124	0.005	0.007	0.009
85063	6	0.200	0.143	0.005	0.007	0.009
85213	5	0.221	0.158	0.005	0.007	0.009
85236	4	0.252	0.180	0.005	0.007	0.009
85243	3	0.277	0.198	0.005	0.007	0.009
85246	2	0.316	0.226	0.005	0.007	0.009
85255	1	0.349	0.249	0.005	0.007	0.009
85326	0	0.392	0.280	0.005	0.007	0.009

Standard Put Up: 4FtLgth

PEEKshrink® Tubing Properties

Properties	ASTM	Units	
Tensile Modulus	D638	KSI	1,309
Tensile Stress at Yield	D638	PSI	14,503
Glass Transition Temp	D3418	°F/°C	321/161
Dielectric Strength	D149	V/mil	3570
Thermal Endurance	NEMA MW 1000	°F/°C	752/400
Crystallinity	D3814	%	40

This data is based on PEEKshrink® recovered on a .575" mandrel. Tubing performance and characteristics may change based on tubing size.